

VINOGRADOV, M. Ye.

~~Vertical migrations of zooplankton and their role in feeding bathypelagic~~

fauna. Trudy Inst. okean. no. 13:71-76 '55. (MLRA 8:11)  
(Zooplankton)

**BIRSHTEYN, Ya.A.; VINOGRADOV, M.Ye.**

Notes on the feeding habits of deep-water fishes of the Kurile-  
Kamchatka Trench. Zool.shur. 34 no.4:842-849 J1-Ag '55.  
(MIRA 8:9)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova  
i Institut okeanologii Akademii nauk SSSR  
(Kurile Trench--Fishes--Food)

*Vinogradov, M. Ye.*

USER/ Biology - Hydrobiology

Card 1/1 Pub. 22 - 48/53

Authors : Bogorov, V. G., and Vinogradov, M. Ye.

Title : The zooplankton of the northwestern part of the Pacific Ocean

Periodical : Dok. AN SSSR 102/4, 835-838, Jun 1, 1955

Abstract : Hydrobiological data are presented on the zooplankton of the northwestern part of the Pacific Ocean in the region of the Kuril Islands. Eight references: 2 English and 6 USSR (1938-1955). Diagrams.

Institution : Acad. of Sc., USSR, Inst. of Oceanology

Presented by : Academician A. A. Grigoryev, March 14, 1955

BIRSHTYIN, Ya.A.; VINOGRADOV, M.Ye.; CHINDONOVA, Yu.G.

Vertical distribution of plankton in the Kurile-Kamchatka Trench.  
Trudy probl.i tem.sov. no.6:17-18 '56. (MLBA 9:11)

1. Institut okeanologii AN SSSR i Moskovskiy gosudarstvennyy  
universitet.

(Kurile Trench--Plankton)

VINOGRADOV, M.Ye.

Distribution of zooplankton in western areas of the Bering Sea.  
Trudy Gidrobiol.ob-va 7:173-203 '56. (MLRA 10:2)

1. Institut okeanologii Akademii nauk SSSR.  
(Bering Sea--Zooplankton)

VINOGRADOV, M.Ye.

Amphipeda-Hyperidea of the western Bering Sea [English summary in insert]  
Zool.zhur. 35 no.2:194-218 F '56. (MIRA 9:7)

1. Institut okeanologii AN SSSR.  
(Bering Sea--Amphipeda)

VINOGRADOV, M. YE.

AUTHOR: Vinogradov, M. Ye., Candidate of Biological Sciences 26-10-14/44

TITLE: Lakes of the Antarctic "Oasis" (Ozera antarkticheskogo "oazisa"))

PERIODICAL: Priroda, 1957, No 10, pp 89-92 (USSR)

ABSTRACT: The author accompanied an expedition to the "Bandzhera Oasis" in Antarctica in January 1956 and gives a description of the lakes he saw there. The oasis covers an area of approximately 600 sq km and is located in the midst of a snowy wilderness in the area of Knox's Shore. It is free of snow and ice and abounds in lakes many of which are not frozen. The author distinguishes between three types of lakes. One category contains completely fresh and clear water which comes from continental glaciers. These lakes are of varying lengths (3 to 5 km). They show various kinds of algae and are inhabited by small crabs of the Acanthocyclops family. Another category of lakes is oval shaped and contains brackish water with seaweeds on the bottom. They are found in snowless valleys and have no outlets. They are inhabited by very small swimming worms. The third type is located in the northwestern part of the oasis. They are actually bays extending far into the mainland. Their mouths are covered with eternal ice while the bays themselves are water. These fiords show

Card 1/2

Lakes of the Antarctic "Oasis"

26-10-14/44

the greatest variety of seaweed and animal life, like copepoda,  
starfish and small Antarctic fish.  
There are 4 photos.

ASSOCIATION: Institute of Oceanology of the USSR Academy of Sciences (Moscow)  
(Institut okeanologii AN SSSR (Moskva))

AVAILABLE: Library of Congress

Card 2/2



VINOGRADOV, M.Ye.

Hyperiidea (Amphipoda-Hyperiidea) of the northwestern Pacific  
Ocean. Trudy Inst. okean. 20:186-227 '57. (MIRA 10:12)  
(Pacific Ocean--Amphipoda)

BORUTSKIY, Ye.V.; VINOGRADOV, M.Ye.

Occurrence of Cyclopidae (*Acanthocyclops mirnyi*, sp.n.) on the Antarctic Continent [with summary in English]. Zool. zhur. 36 no.2:199-203 F. '57. (MLRA 10:6)

1. Zoologicheskii muzey Moskovskogo gosudarstvennogo universiteta i Institut okeanologii Akademii nauk SSSR.  
(Queen Mary Coast--Copepoda)

*Vinogradov, M.E.*

USSR/General Biology - General Hydrobiology.

B-6

Abs Jour : Ref Zhur - Biol., No 4, 1958, 14455

Author : Brodskiy, K.A., Vinogradov, M.E.

Inst : -

Title : Plankton Distribution in the Indian (?) Sector of Antarctica (from Data of the 1st Voyage of the Combined Antarctic Expedition of the Academy of Sciences, USSR).

Orig Pub : Dokl. AN SSSR, 1957, 112, No 5, 957-960

Abstract : Based on plankton collections conducted on the first voyage of the "Ob" from February 29 to June 3, 1956, it was established that for this period the zone richest in phytoplankton ( $2.6 \text{ g/m}^3$ ) lies directly near the shores of Antarctica; zooplankton develops most abundantly in the zone between the northern border of the floating ice belt and  $63-64^\circ$  south. lat. The average plankton biomass in this zone of the Antarctic in the period of biological summer ( $0.317 \text{ g/m}^3$ ) is close to (a little lower) the plankton

Card 1/2

USSR/General Biology - General Hydrobiology.

B-6

Abs Jour : Ref Zhur - Biol., No 4, 1958, 14455

CIA-RDP86-00513R001859920003-4"

biomass of some seas of the Northern Hemisphere (Barents, Bering, Okhotsk Seas and the waters of Kurilo-Kamchatka inlets).

Card 2/2

USCOMM-DC-55,077

VINOGRADOV, M. Ye.

3(5) FRAME I BOOK REPRODUCTION NOV/1957

Antarktika snimk 8288. Komplektsnyy antarktikskiy ekspeditsiya.

Opisaniye ekspeditsii na disol'-elektricheskoy "Ob", 1955-1956 gg. (Description of the Expedition aboard the Diesel-electric ship "Ob", 1955-1956) Moscow, Izd-vo AN SSSR, 1956. 237 p. 2,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Sovet po antarktikskim issledovaniyam. Chief Ed.: I. P. Mardin, Akademichesk. Dep. Ed. For this vol.: V.G. Kort, Professor, Chief, 1st trip of the Marine Antarctic Expedition, USSR Academy of Sciences, Editorial Board: A.A. Afanas'yev (Chief, Main Administration of the Northern Sea Route, Mos Route, MVD), V.G. Malayev (Ministry of Sea Transport), V. P. Burdakov (Deputy Chief, Main Administration of the Northern Sea Route), A.A. Zolotarev (Chief, Main Administration of the

Card 1/3

avumeteorological Service), V.G. Kort (Professor, Chief, 1st trip of the Marine Antarctic Expedition, USSR Academy of Sciences), M.M. Romov (Chief, Combined Antarctic Expedition, USSR Academy of Sciences), V. V. Prolov (Director, Arctic Scientific Research Institute, Main Administration of the Northern Sea Route), D. I. Shcherbakov (Chairman, Council for Antarctic Research, USSR Academy of Sciences), Eds. of Publishing House: L.Z. Strygina, and M. S. Shchet; Tech. Ed.: P. S. Kashina.

PURPOSE: This volume is intended for the general reader.

CONTENTS: The Report of the Combined Antarctic Expedition of the AN SSSR, headed by M. S. Shchet, and the first trip of the Diesel-electric ship "Ob" to the Antarctic and the aims and problems involved, including the establishment of an observatory at Mirny. A major part of the book is devoted to scientific research in aerology, meteorology and astrometry.

Card 2/3

consisted in cooperation with the IGY program. A large part of the observations and preliminary findings cited are in the field of hydrology and hydrobiology, marine geology, geophysics, hydrography, and hydrobiology. A roster of the members of the expedition together with their specialties is included. There are 73 figures, including maps. Bibliographic references accompany separate chapters.

TABLE OF CONTENTS:

Foreword

I. Purpose of the Expedition and Its Preparation (V.G. Kort)	5
Purpose and problems of the expedition	7
Preparation of the expedition	13
Expedition personnel	172
	172
	173
	173
	173
	176
	181
	182
	182
	183
	183
	186

Card 3/3

II. Biological Studies (V.A. Arsen'yev, E.A. Brodskiy, P.Y. Gubakov, G. M. Belyayev, A. P. Andryushin, and A.E. Tolstov (deceased))

Research problems and organization of studies	172
Plankton (E.A. Brodskiy and M. Ye. Vinogradov)	172
Problems of plankton studies during the three-trip of the Combined Antarctic Expedition and the extent to which the plankton of the seas traveled was studied	173
Methods of study and the volume of the material collected	173
Preliminary investigations on the distribution of plankton in the investigated areas	176
Benthos (G.M. Belyayev and P.Y. Gubakov)	181
Extent to which the benthos has been studied and the problems involved	182
Methods of study	182
Volume of research	183
General characteristics of materials	186

Card 1/3

VINOGRADOV, M.Ye., kand.biol.nauk; NAUMOV, A.G., aspirant

Quantitative distribution of plankton in Antarctic waters of the  
Indian and Pacific oceans. Infrom.biul.Sov.antark.eksp. no.3:31-33  
'58. (MIRA 12:4)

1. Institut okeanologii AN SSSR.  
(Antarctic regions--Plankton)

BOGOROV, V.G.; VINOGRADOV, M.Ye.

Distribution of zooplankton in the northwestern part of the Pacific  
Ocean. Trudy Okean. kom. 3:100-101 '58. (MIRA 11:8)  
(Pacific Ocean--Zooplankton)

VINOGRADOV, M. Ye.

"Quantitative Distribution of Deep-Sea Plankton in the Western Pacific  
and its Relation to Deep Water Circulation".  
report to be submitted for the Intl. Oceanographic Cong. New York City,  
31 Aug - 11 Sep 1959.

(Inst. of Oceanology, Moscow)

VINOGRADOVA, N.G.; BIRSHTEYN, Ya.A.; VINOGRADOV, M.Ye.

Vertical distribution of deep-water bottom fauna. Itogi nauki:  
Dost.ocean. no.1:166-187 '59. (MIRA 12:10)  
(Marine fauna)



VINOGRADOV, M.Ye.

Vertical migration of the deep-water zooplankton. Itogi nauki.  
(MIRA 12:10)  
Dost.ocean. no.1:204-220 '59.  
(Plankton) .

VINOGRADOV, M.Ye.

Vertical distribtuion of marine zooplankton. Trudy Inst.okean.  
30:100-106 '59. (MIRA 13:5)  
(Zooplankton)

BIRSHTEYN, Ya.A.; VINOGRADOV, M.Ye.

Zoological research done by the expeditionary ship "Vityaz" during  
her 25th voyage. Zool. zhur. 38 no.2:301-304 F '59.  
(MIRA 12:3)

(Pacific Ocean--Marine fauna)

VINOGRADOV, M.Ye.; VINOGRADOVA, N.G.

Zoological research during the 26th voyage of the expeditionary ship  
"Vityaz'". Zool. zhur. 38 no.4:649-652 Ap '59. (MIRA 12:5)

1. Institut okeanologii AN SSSR, Moskva.  
(Pacific Ocean—Marine fauna)

3 (9)

AUTHOR:

Vinogradov, M. Ye.

SOV/20-127-4-43/60

TITLE:

On the Quantitative Distribution of Deep-sea Plankton in the Western Part of the Pacific Ocean and Its Relations to the Circulation of Abyssal Waters

PERIODICAL:

Doklady Akademii nauk SSSR, 1977, Vol 127, Nr 4, pp 877-880 (USSR)

ABSTRACT:

The data on the topic mentioned in the title are very scarce and regard depths above 2000-3000 m. The distribution mentioned in the title, however, does not only permit to observe individual penetrating water jets but also the general shift of large amounts of water. The material used in the present paper was taken from different layers by the ships "Vityaz'" and "Ob'" at 20 stations in the Pacific Ocean between 50° northern and 63° southern latitude (Fig 1). The enrichment of the plankton of the tropical deep layers is explained by the entering of abyssal waters from the boreal region as had been mentioned before (Refs 7, 8). These abyssal waters contain comparatively rich deep-sea plankton of the temperate zones and a large quantity of organic substance. Its high degree of plankton concentration decreases with the movement towards the equator and the transformation of these waters because the plankton perishes or

Card 1/3

On the Quantitative Distribution of Deep-sea Plankton SOV/20-127-4-43/60  
in the Western Part of the Pacific Ocean and Its Relations to the  
Circulation of Abyssal Waters

is eaten up. The products of the vital activity of the plankton, its residues, and finally, the plankton itself serve as food for the tropical deep-sea organisms. Thus increased plankton concentration is maintained in these layers despite of a rather quick displacement of the "population". The organic substance carried by horizontal currents from more productive parts of the ocean provides additional food for deep-sea plankton. The most thorough meridional shift of the abyssal waters takes place in the western part of the North Pacific Ocean (below 500 m). There seems to be no counter-current of the abyssal waters (contrary to Ref 9). There is a different situation in the south-western part of the Ocean. North-east of New Zealand the enrichment of deep-sea plankton takes place in the layer 500-1000 m and below 2000 m (Fig 2). This corresponds to an underflowing of the Antarctic waters but is less intense than in the region south-west of Japan. Thus the plankton distribution in the southern hemisphere agrees with the circulation scheme by G. Wüst (Ref 10) and later authors (Refs 9, 10). There is no uniform opinion with regard to abyssal circulation of the northern hemisphere. The

Card 2/3

On the Quantitative Distribution of Deep-sea Plankton      SOV/20-127-4-43/60  
in the Western Part of the Pacific Ocean and Its Relations to the  
Circulation of Abyssal Waters

only fact known is that the character of the movement of the abyssal waters assumed by the author on account of the distribution of the plankton biosubstance is in good agreement with the circulation scheme by V. N. Stepanov (of the institute mentioned in the Association). The underflowing of abyssal waters from temperature latitudes is also proved by the analysis of qualitative plankton composition. In conclusion, comparisons are made with other oceans. There are 2 figures and 16 references, 6 of which are Soviet.

ASSOCIATION:      Institut okeanologii Akademii nauk SSSR (Institute of Oceanography of the Academy of Sciences, USSR)

PRESENTED:      March 30, 1959, by D. I. Shcherbakov, Academician

SUBMITTED:      March 24, 1959

Card 3/3

BOGOROV, V.G.; VINOGRADOV, M.Ye.

Distribution of the biomass of zooplankton in the central  
Pacific. Trudy Gidrobiol. ob-va 10:208-223 '60.

(MIRA 13:9)

(Pacific Ocean--Zooplankton)

!



BOGOROV, V.G.; VINOGRADOV, M.Ye.

Distribution of zooplankton in the Kurile-Kamchatka area of the  
Pacific Ocean. Trudy Inst. okean. 34:60-84 '60. (MIRA 13:10)  
(Pacific Ocean--Zooplankton)

BIRSHTEYN, Ya.A.; VINOGRADOV, M.Ye.

Pelagic gammarids in the tropical part of the Pacific Ocean.

Trudy Inst. okean. 34:165-241 '60.

(MIRA 13:10)

(Pacific Ocean--Amphipoda)

VINOGRADOV, M. Ye.

Quantitative distribution of deep-sea plankton in the western and  
central Pacific. Trudy Inst. okean. 41:55-84 '60. (MIRA 13:9)  
(Pacific Ocean--Zooplankton)

VINOGRADOV, M. Ye.

Hyperiidea physosomata in the tropical regions of the Pacific  
Ocean. Trudy Inst. okean. 41:198-247 '60. (MIRA13:9)  
(Pacific Ocean--Amphipoda)

VINOGRADOV, M. Ye.

A new species of Chuneolidae (Amphipoda, Crustacea) from the north-  
western Pacific. Trudy Inst. okean. 41:248-253 '60. (MIRA 13:9)  
(Pacific Ocean---Amphipoda)

VINOGRADOV, M.-Ye.

Plankton of deep waters of the Sea of Japan. Zool.zhur. 39 no.4:500-  
508 Ap '60. (MIRA 13:11)

1. Institute of Oceanology of the U.S.S.R. Academy of Sciences, Moscow.  
(Japan, Sea of--Plankton)



VINOGRADOV, M.Ye.; VORONINA, N.M.

Effect of oxygen deficiency on the distribution of plankton in the  
Arabian Sea. Okeanologiya 1 no.4:670-678 '61. (MIRA 14:11)

1. Institut okeanologii AN SSSR.  
(Arabian Sea--Plankton) (Oxygen--Physiological effect)



BELYAYEV, G.M.; VINOGRADOV, M.Ye.

Zoological research carried out during the 31st cruise of the  
expeditionary ship "Vitiaz". Zool. zhur. 40 no. 2:303-308  
F '61. (MIRA 14:2)  
(Indian Ocean—Marine fauna—Research)

VINOGRADOV, M.Ye.

Food sources of deep-sea fauna; decomposition rate of dead Pteropoda.  
Dokl.AN SSSR 138 no.6:1439-1442 Je '61. (MIRA 14:6)

1. Institut okeanologii AN SSSR. Predstavleno akademikom N.M.  
Strakhovym.

(Zooplankton) (Pteropoda)

VINOGRADOV, M.Ye.; VORONINA, N.M.

Distribution of some copepod species occurring in large masses in  
the Indian Ocean. Dokl. AN SSSR 140 no.1:219-222 S-O '61.  
(MIRA 14:9)

1. Institut okeanologii AN SSSR. Predstavleno akademikom A.L.  
Kursanovym.

(Indian Ocean--Copepoda)

VINOGRADOV, M.Ye.

Quantitative distribution of abyssal plankton in the northern  
part of the Indian Ocean. Okeanologiya 2 no.4:577-592 '62.  
(MIRA 15:7)

1. Institut okeanologii AN SSSR.  
(Indian Ocean--Plankton)

VINOGRADOV, M.Ye.; PARIN, N.V.; SAVILOV, A.I.

Marine biology. Okeanologiya 2 no.3:493-505 '62. (MIRA 15:7)  
(Marine biology)

VINOGRADOV, M.Ye.; VORONINA, N.M.

Some features of the distribution of zooplankton in the northern part  
of the Indian Ocean.. Trudy Inst. okean. 58:80-113 '62. (MIRA 15:12)  
(Indian Ocean—Zooplankton)

VINOGRADOV, M.Ye.; BELOUSOV, I.M.

Second International Oceanographic Congress. Izv. AN SSSR. Fiz.  
atm. i okeana 2 no.1:97 Ja '66. (MIRA 19:1)

L 33449-66 EWT(1) GW  
ACC NR: AP6014285

(N)

SOURCE CODE: UR/0213/66/006/002/0314/0325

36  
L

AUTHOR: Bogorov, V. G.; Bordovskiy, O. K.; Vinogradov, M. Ye.

ORG: Institute of Geology and Development of Mineral Fuels (Institut geologii i razrabotki gopyuchikh iskopayemykh); Institute of Oceanology, AN SSSR (Institut okeanologii AN SSSR)

TITLE: Biochemistry of ocean plankton. Distribution of certain chemical components of plankton in the Indian Ocean

SOURCE: Okeanologiya, v. 6, no. 2, 1966, 314-325

TOPIC TAGS: calcium carbonate, carbon, ~~plankton, biomass, phytoplankton~~ SEA WATER, ~~PLANT ECOLOGY~~, BIOLOGIC ECOLOGY, BIOCHEMISTRY

ABSTRACT: The material for this study was collected by the research vessel "Vityaz" during the 31st cruise in the Indian Ocean in October 1959 and April 1960. An 0-100 m layer of the ocean floor was sampled. The samples were dried without fixing. Calcium carbonate, organic carbon, and lipid contents were determined. The organic carbon content of the plankton investigated averages 29.9% (ranging from 24.2 to 35.6%) of the dry weight. The lowest plankton carbon content was observed in areas of intensive upwelling where an essential part of the total biomass is composed of phytoplankton (diatoms). Because of the constant relative amount of organic carbon in plankton, its absolute distribution in the upper 100-m layer generally follows rather closely the distribution pattern of the total plankton biomass. The lipid fraction content ranges from 6.4 to 13.6%, averaging 9.4% of the dry weight. Plankton Card 1/2

UDC: 550.42:517/475(267)



ACC NR: AP6014285

is especially rich in lipide where it has maximum concentration. A high correlation between the amount of lipide in plankton and the depth of the upper boundary of the depth of the upper boundary of the thermocline was found. A similarly high correlation exists between the lipide content of the plankton and the temperature at the depth of 100 m. The data obtained lead to the conclusion that an increase or decrease in the lipide content of plankton is closely connected with environmental conditions. The distribution pattern of absolute amounts of lipide follows the general biomass distribution pattern of plankton. The calcium carbonate content averages 11.7% (ranging from 4.8 to 21%) of the dry weight. Comparison of the carbonate content of plankton with the distribution of pteropods and globigerins shows that, apparently, the calcium carbonate content of tropical plankton is determined, first of all, by the amount of globigernia. Orig. art. has: 4 figures and 1 table. [Based on authors' abstract.] [NT]

SUB CODE: 08, 11/ SUBM DATE: 24Dec65/ ORIG REF: 022/ OTH REF: 008

Card

2/2

VINOGRADOV, M.Ye.; VORONINA, N.M.

Distribution of plankton in the waters of the equatorial  
currents of the Pacific Ocean. Report No.2: Vertical  
distribution of different species. Trudy Inst. okean.  
65:58-76 '64. (MIRA 18:8)

VINOGRADOV, M.Ye.

Hyperidea Physosomata of the northern part of the Indian  
Ocean. Trudy Inst. okean. 65:106-151 '64. (MIRA 18:8)

VINOGRADOV, M.Ye.

Hyperiid (Amphipoda) collected by the Soviet Antarctic Expedition  
on the diesel-electric ship "Ob" south of 40°S. Isal. fauny mor.  
1:5-35 '62. (MIRA 17:9)

1. Institut okeanologii AN SSSR.

VINOGRADOV, M.Ye.; VORONINA, N.M.

Distribution of plankton in waters of the Pacific equatorial  
currents. Trudy Inst. okean. 71:22-59 '63. (MIRA 16:11)

BIRSHTEYN, Ya.A.; VINOGRADOV, M.Ye.

Deep-sea pelagic amphipods of the Philippine Trench. Trudy  
Inst. okean. 71:81-93 '63. (MIRA 16:11)

BIRSHTEYN, Ya. A.: *...*, 1970.

Pelagic fauna of Antarctica, Gammaridea. Collected by the Soviet Antarctic Expedition on the diesel-electric ship "Ob" south of 40° S. Issl. fauny ... : 55-57 '62. (MIRA 17:9)

1. Moskovskiy gosudarstvennyy universitet (for Birshteyn).
2. Institut okeanologii AN SSSR (for Vinogradov).

VINOGRADOV, N.

Soaring... under the water. Voenn. znan. 40 no.4:23 Ap '64.  
(MIRA 17-6)



VINOGRADOV, N.; MUROMKINA, L.

We are mobilizing potentialities. Okhr. truda i sots. strakh. 5 no.6:  
13-14 Je '62. (MIRA 15:7)

1. Zaveduyushchiy otdelom sotsial'nogo strakhovaniya Ul'yanovskogo  
oblastnogo soveta profsoyuzov (for Vinogradov). 2. Doverennyy  
vrach Ul'yanovskogo oblastnogo soveta profsoyuzov (for Muromkina).  
(Ul'yanovsk Province—Medicine, Industrial)

VINOGRADOV, N.

Distribution of enterprises and supply areas of the food industry.  
Vop.ekon. no.6:39-54 Je '56. (MLRA 9:8)  
(Food industry)

AFANASENKO, Ye.A.; KAIROV, I.; VINOGRADOV, N.

Organization of housekeeping chores in general schools, boarding schools, and orphanages. Gig. 1 san. 25 no. 6:111-114, Je '60.

(MIRA 1412)

1. Ministr prosveshcheniya RSFSR (for Afanasenko). 2. Prezident Akademii pedagogicheskikh nauk (for Kairov). 3. Ministr zdravookhraneniya RSFSR (for Vinogradov).

(STUDENT ACTIVITIES)

1. VINOGRADOV, N.
2. USSR (600)
4. Rozova, Sof'ia Nikolaevna
7. An interesting book ("A half century in school." S. Rozova, Reviewed by N. Vinogradov.) Nach. shkola 21, No. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

VINOGRADOV, N.

Team financial responsibility is an important prerequisite for  
the improvement of trade. Sev. terg. no.11:13-15 N '58.

(MIRA 11:12)

(Commerce)

VINOGRADOV, N.

Volga River

Pioneer assembly in the 7th class. Geog. v shkole No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

VINOGRADOV, N., admiral

Reliable watch on the sea frontiers of the country. Voen. znan.  
38 no.7:3-4 J1 '62. (MIRA 15:6)  
(World War, 1939-1945--Naval operations) (Russia--Navy)

Vinogradov, I. I.  
✓ 672. DESIGN AND ADJUSTMENT OF ORIFICE TYPE DOSERS. Vinogradov, I. I.  
(Elektr. Sta. (Pwr Sta., Moscow), Nov. 1953, vol. 24, 20-23). — Considerable  
non-uniformity often exists in the injection of coagulants and other reagents  
into the feed water of power station boilers. The article presents  
calculations to explain how this defect can be overcome by suitable  
adjustment of the dosing device.

S.E.A.

62



VINOGRADOV, N.A., inzhener.

Reducing personnel in the turbine plants of electric power stations.  
Energetik 5 no.6:8 Je '57. (MIRA 10:7)

(Electric power plant)

LEVCHENKO, M.I.; VINOGRADOV, N.A.

Machine tool for cutting circular glass. Stek.i ker. 14 no.8:22-23  
Ag '57. (MIRA 10:10)

(Glass cutting)

SOV/72-59-11-14/15

AUTHORS: Levchenko, M. I., Kondakova, M. N., Vinogradov, N. A.,  
Baranov, D. I.

TITLE: Apparatus for the Production of Bent Glass (Ustanovka dlya  
proizvodstva gnutogo stekla)

PERIODICAL: Steklo i keramika, 1958, Nr 11, pp 44-46 (USSR)

ABSTRACT: The apparatus was developed and introduced by a group of  
engineers in the Gusevskiy Factory. It consists mainly  
of an electro-furnace (see figure). The mount for molding  
(mollirovaniye) possesses the desired form for the bent  
glass and is constructed of heat-resistant steel. It is  
fastened to a slide, which can be moved along rails in the  
furnace. On this molding form bent wind shields for the  
"Volga" and "Moskvich" automobiles are produced. The glass  
packets are prepared in regard to size and strength, and  
are exactly aligned and attached securely to the slide,  
and then is introduced into the furnace through a fore-  
hearth of the furnace. At a furnace temperature of 590-620°  
the glass becomes deformed and assumes the shape of the  
molding form. This process lasts 6 to 8 minutes and can be

Card 1/2

Apparatus for the Production of Bent Glass

SOV/72-53-11-14/15

watched through an aperture in the furnace door. Afterward the glass is allowed to stand at the open furnace door for about 4 minutes, and then it is removed from the furnace and allowed to cool completely. After cleaning and testing the glass objects are brought to the factory for the assembly. The glass for the "Moskvich" automobiles is further hardened on a formed blast grill beside the furnace. There is 1 figure.

ASSOCIATION: Gusevskoy stekol'nyy zavod imeni Dzerzhinskogo  
(Gusevskoy Glass Works imeni Dzerzhinskiy)

Card 2/2

8(0)

PHASE I BOOK EXPLOITATION

SOV/3142

Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya

Spravochnyye dannyye po elektrooborudovaniyu (Reference Data on Electric Equipment) Moscow, Mashgiz, 1959. 711 p. (Series: Its: [Trudy] kniga 94)

Errata slip inserted. 6,000 copies printed.

Additional Sponsoring Agencies: USSR. Gosudarstvennaya planovaya komissiya, Glavnoye upravleniye nauchno-issledovatel'skikh i proyektnykh organizatsiy.

Compilers: A.Ye. Gurevich, Engineer, N.A. Vinogradov, Engineer, and B.V. D'yakov, Engineer, Ed.: A.Ye. Gurevich, Engineer; Tech. Ed.: Z.I. Chernova; Managing Ed. for Information Literature: I.M. Monastyrskiy, Engineer.

PURPOSE: The handbook is intended for use in design bureaus for rough drafts and technical designing. For operational designing

Card 1/10

Reference Data (Cont.)

SOV/3142

all handbook data should be checked with catalogs or  
comply with the manufacturer's specifications.

COVERAGE: The handbook contains basic data and information on electric motors of special and general purpose, on braking electromagnets and on track and limit switches used in the heavy metallurgical industry. It also contains information on d-c and a-c electric motors and on the equipment used in other branches of industry. The handbook was prepared by the Tsentral'noye konstruktorskoye byuro metallurgicheskogo mashinostroyeniya-TsKBMM (Central Design Bureau of Metallurgical Machine Building) of the TsNIITMASH (Central Scientific Research Institute of Technology and Machine Building), and by the design bureaus of the heavy machinery building industries. It has been used in blueprint form for ten years in many organizations. There are no references.

TABLE OF CONTENTS:

Introduction

3

Card 2/10

Reference Data (Cont.)

SOV/3142

PART I. ELECTRIC MACHINES FOR CRANES AND IN METALLURGY

Ch. I. A-c Induction Motors for Cranes and Metallurgy	6
MT-and MTK-type motors (for normal conditions)	6
MT-and MTK-type motors with SV-class insulation (for tropical climates)	23
Ch. II. D-c Motors for Cranes and Metallurgy	32
MPKPDN-type motors	32
DP-type motors (for tropical climates)	62
DP-type motors (for normal conditions)	74
D-c machines of the MP-14 type	77
D-c vertical motors	86
Ch. III. Roll-train Electric Motors	91
Induction roll-train motors of the AR custom lot type	91
AR custom lot type	91
Roll-train motors of the AZR, AZRF and MAR types	114
Ch. IV. Large D-c Rolling Electric Motors	118
Card 310	

Reference Data (Cont.)

SOV/3142

Rolling motors of the MP type	142
Machines of the PBK type	
Ch. V. Large A-c Induction Rolling Motors	154
Motors of the AP, APO and DAP types	154
Ch. VI. Standard Electric Motor Characteristics	160
Calculation of mechanical characteristics	160
Universal characteristics of motors	161

PART II. ELECTRIC MACHINES OF GENERAL APPLICATION

Ch. VII. A-c Induction Motors of All-Union Custom Lot and Their Modifications	162
Protected squirrel-cage motors of the A and AL types, of standard design from 0.6 to 100 kw	162
Totally enclosed ventilated AO- and AOL - type squirrel-cage motors of standard design from 0.6 to 100 kw	186

Card 4/10



Reference Data (Cont.)

SOV/3142

Protected squirrel-cage motors of the A and AL types from 100 to 400 kw, of the 10th and 11th overall sizes	2.1
A-and AO-type motors	2.1
AP-and AOP-type motors with increased torque	2.1
AS-and AOS-type motors with increased slip	2.1
AK-type wound-rotor motors	2.1
Multispeed A and AO-type motors	2.1
AV-type built-in motors	3.1
AOLT-31-4 and AOL-42-12-type motors for hoists	3.1
AOL-and AOLB-type small induction motors	3.1
Ch. VIII. D-c Machines of General Application	3.1
PN, PNR and PNV-type machines	3.1
MP-11 machines	3.1
MPB-type balancing machines	3.1
Ch. IX. Various Induction Motors	3.1
AM-6-type motors	3.1
GAM-6 and DAM-6-type motors	3.1

Card 5/10

Reference Data (Cont.)

SOV/3142

Ch. X. Universal Motors

PL-and UL-type commutator motors

MUN-and UMT-type commutator motors

31  
31  
41

PART III. SYNCHRONOUS AND SPECIAL MACHINES

Ch. XI. Synchronous Machines

GS; GSQ; GSD-and DS-type synchronous machines of the 14th and 15th sizes

41  
41

GS; GSQ; GSD; DS-and DSZ-type synchronous machines of the 16 to 18th sizes

41

MS-320-type synchronous machines

41

SG and S-type synchronous generators

41

aPN, KaPN-and aPNT-type synchronous generators

41

ChS-7-type synchronous generators

41

SOD-220-and SM-type synchronous generators

41

Ch. XII. Special Machines

Rotating amplifiers of the EMU-12, EMU-25, EMU-50, EMU-70, EMU-100 and EMU-110 types

47  
41

Card 6/10

Reference Data (Cont.)

SOV/3142

Selsyns of the DI-501, DI-511 and SS-501 types	490
Magslips of the BS-404A, BS-501 A, BD-404A and BD-501 A types	491
Magslip control transformers of the BS-405 type	494
Selsyns of the BS-404A....T, BS-501A....T, BD-404A....T and BD-501A...T types (for tropical climates)	495
Selsyns of the SS-195-150 type	497
Selsyns of the SS-195-135 type	498
D-c machines of the MI type	501
Tachometer generators ET-7/110, TG-041 and MET-8/55	510
Two-phase induction servomotors of the ASM type	512

PART IV. LOW VOLTAGE EQUIPMENT INSTALLED ON MECHANISMS

Ch. XIII. Brakes and Electromagnets	515
Brakes of the TKT, TKP and TKTG types	515
Braking electromagnets of the KMT, VM and KMP types	526
D-c electromagnets of the A type	534
Open-make ES-1 pull-push electromagnets	538

Card 7/10

Reference Data (Cont.)

SOV/3142

Electromagnetic connecting and disconnecting valves of the VV-2, VV-4, VV-22 and VV-24 types	541
Winding data of brake and electromagnet coils	547
Stabilizing transformers of the TS-72-60 and TS-144-110 types	554
Ch. XIV. Track and Limit Switches	556
Dust-protected limit switches of the KU type	556
Splash-proof limit switches of the KU type	556
Limit switches of the KU-500 T type	562
Limit switches of the V-10, VU-150, VU-250, VK-100 and VK-211 types	564
Change-over micro-switches of the MP-1 and MP-3 types	571
Track switch of the VK-311 A type (hermetic)	572
Cam controller of the KA-4000 and KA-4000 T types	574
Rotating controller of the KA-5000 type	583
Universal change-over switches of the UP-5100 type	597
Universal pole-changing switch for multispeed motors of the UP-5200 type	609

Card 8/10

. SOV/3142

Reference Data (Cont.)

Rotary change-over switches for multispeed motors of the PK-25 and PK-60 types	618
Rotary switches and change-over switches of the PK type	622
Control pushbuttons of the KU and LKU types	626
Ch. XV. Centrifugal Switches and Mechanical Relay for Rotations Control	632
Ch. XVI. Inductive Feelers	642
Inductive feelers of the IV-110T and IV-120T types	642
Inductive feelers of the IKV-10, IKV-20 and IKV-30 types	643
Magnetic amplifiers of the TUM, TRM, UM and UMS types	650
Magnetic amplifiers of the MU....T type	656
Ch. XVII. Pulse Apparatus for Automation	658
Flag indicator switches	658
Photoelectronic apparatus of the FFA-10 and FEA-20 types	672
Metallurgical photorelays of the FRS-53, FRS-55, FRS-8, and FRS-12 types	678

Card 9/10

Reference Data (Cont.)

SOV/3142

Electromagnetic feeler of the EMD-1 type  
Contact rollers

703  
705

Ch. XVIII. Electromagnetic Clutches

Electromagnetic multidisk friction clutches of the EM type

708  
708

AVAILABLE: Library of Congress

Card 10/10

JP/jb  
1-26-60

8(6)

AUTHOR: Vinogradov, N.A., Engineer

SOV/91-59-9-5/73

TITLE: Improving Automation and Protection Circuits of PVSS-200 High-Pressure Preheaters

PERIODICAL: Energetik, 1959, Nr 9, pp 10-11 (USSR)

ABSTRACT: The author describes modifications of automation and protection circuits of PVSS-200 high-pressure preheaters. These preheaters are designed for an output of 210 tons of water per hour. They are installed with VK-50, VPT-25 and VT-25-4 turbines. The latter arrangement is shown in a diagram. The automation and protection circuits are designed in such a way that the valves are in an "open" position at rated water discharge. With rated flow of water, the pressure loss in the preheater amounts to 17-23 mm mercury column. With a decrease of the water flow, the pressure on valve 1 is reduced proportionally to the square of the water flow reduction. This will eventually cause a shut-down of the valves and the preheater on a whole,

Card 1/2

SOV/91-59-9-5/33

Improving Automation and Protection Circuits of PVST-200 High-Pressure Preheaters

when operated with turbines VT-25-4 and VPT-25-3, which work on condensers. Unstable operation of the preheater was observed also with greater flows, when the automatic feed system of boilers caused some shocks. In these cases the temperature of the preheated water is 40-45°C lower. An additional pipeline with a throttle was introduced, which was calculated in such a way that it will develop a supporting force of 200-250 kg on the valve. This force is created by means of a pressure difference of 4-5 atmospheres under the piston in the valve chambers. There is 1 diagram.

Card 2/2



Alimov, N. A.

"Work of Medical Cadres and Measures for Increasing Their Qualifications"  
(Rabota s Meditsinskimi Kadrami i Meropriyatiya po Povysheniyu ikh kvalifikatsii)

Sovetskoye Zdravookhraneniye, No 1-2, 1944  
RAB 1688, p40

VINOGRADOV, N.A.

Medical stations in city districts. Sovet.med. no.5:32-33 May 1951.  
(CML 20:9)

1. Of the Institute of Public Health Organization and History of  
Medicine imeni N.A. Semashko of the Academy of Medical Sciences  
USSR (Director--Candidate Medical Sciences N.A. Vinogradov).

GAL'PERIN, Semen Il'yich; VINOGRADOV, N.A., redaktor.

[Protective and therapeutic hospital regimen] Lechebno-okhranitel'-  
nyi rezhim v bol'nitse. Moskva, Medgiz, 1953. 82 p. (MLRA 7:11)  
(Hospitals)

VINOGRADOV, N.A., professor; OBROSOV, A.N., professor, direktor.

Physical and health resort factors in disease prevention. Sov.med. 17 no.8:  
19-24 Ag '53. (KLD 6:8)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut fizioterapii Minister-  
stva zdravookhraneniya RSFSR. (Health resorts, watering places, etc.)

VINOGRADOV, N.A.

[Public health during the years of foreign military intervention  
and civil war] Zdravookhranenie v gody inostrannoi voennoi in-  
terventsii i grazhdanskoi voiny. Moskva, Medgiz, 1954. 28 p.  
(Public health) (MIRA 8:7)

VINOGRADOV, N.A.

[Basic principles of Soviet public health] Osnovnye printsipy sovetskogo zdravookhraneniia. Moskva, Medgiz, 1954.  
42 p.

(Public health)

(MIRA 8:6)

VINOGRADOV, N.A.

[Role of the Russian physician in preserving the health of  
the people] Rol' russkogo vracha v okhrane zdorov'ia naroda.  
Moskva, Medgiz, 1954 51 p. (MLRA 9:1)  
(PHYSICIANS)

VINOGRADOV, Nikolay Arkad'yevich; PODOL'NIY, Solomon Abramovich; ROSTOTSKIY, Iosif Boleslavovich; GAL'PERIN, S.Ye., redaktor; ROMANOVA, Z.A., tekhnicheskiiy redaktor.

[Methods of inspecting city hospitals] Metodika obsledovaniia gorodskikh bol'nits. Moskva, Gos. izd-vo med. lit-ry, 1954. 114 p. (MLRA 8:1)  
(Hospitals--Inspection)



VIN & GRADOV N. A.

SEMASEKO, Nikolay Aleksandrovich; ASHURKOV, Ye.D., redaktor; BARSUKOV, M.I.,  
redaktor; VINOGRADOV, N.A., redaktor; GORFIN, D.V., redaktor;  
PETROV, B.D., redaktor; KUDOV, Ya.O., redaktor; SLOVIMSKAYA, N.A.,  
redaktor; GABERLAND, M.I., tekhnicheskii redaktor

[Selected works] Izbrannye proizvedeniia. Red. kollegiia: N.D.  
Ashurkov i dr. Moskva, Gos. izd-vo med. lit-ry, 1954. 337 p.  
(Public health) (MLRA 7:10)

VINOGRADOV, N.A.

N.A.Semashko and his struggle for peace and friendship among nations;  
5th anniversary of his death. Sov. zdav. 13 no.3:38-41 My-Je '54.  
(MLRA 7:8)

(SEMASHKO, NIKOLAI ALEXANDROVICH, 1874-1949)

VINOGRADOV, N. A.

ZARLUDOVSKIY, Pavel Yefimovich, dotsent; KHMEL'EV, N. S., redaktor;  
VINOGRADOV, N. A., redaktor; ZHUKOV, G. I., redaktor; ZINOV'YEV,  
I. A., redaktor; YEVDOKIMOVA, Z. N., tekhnicheskii redaktor.

[Origin of medicine in human society] Vozniknovenie meditsiny  
v chelovecheskom obshchestve. Moskva, Gos. izd-vo meditsinskoi  
lit-ry, 1955. 20 p. (Biblioteka vracha-organizatora. Lektsii  
po organizatsii zdoravookhraneniia dlia vrachei. Istoriia  
otchestvennoi meditsiny, lektsiia 1) (MLRA 8:11)  
(MEDICINE--HISTORY)

ZABLUDOVSKIY, Pavel Yefimovich; KHMEL'EV, N.S., redaktor; VINOGRADOV, N.A.  
redaktor; ZHUKOV, G.I., redaktor; ZINOV'YEV, I.A., redaktor;  
YEVDOKIMOVA, Z.N., tekhnicheskii redaktor.

[Development of medicine among the peoples of the U.S.S.R. until  
the time of feudalism and during the feudal period. Medicine in  
the Moscow feudal state] Razvitie meditsiny u narodov SSSR do  
feodalizma i v feodal'nyi period. Meditsina v Moskovskom feodal'nom  
gosudarstve. Moskva, Gos.izd-vo meditsinskoi lit-ry, 1955 31 p.  
(Biblioteka vracha-organizatora Lektsii po organizatsii zdravookhra-  
neniia dlia vrachei. Lektsii po istorii otechestvennoi meditsiny,  
lektsiia 2) (MLRA 8:11)

(MEDICINE--HISTORY)

VINOGRADOV, N.A.

[Progressive traditions of Russian medicine in public health protection] Progressivnye traditsii russkoi meditsiny v okhrane zdorov'ia naroda. Moskva, Medgiz, 1955. 34 p. (MLRA 8:4)  
(Public health—History)

SHIKOV, Grigoriy Terent'yevich; ASHURKOV, Ye. D., redakter; VINOGRADOV, M.A., redakter; KHESIN, Ye. Ya., redakter; YEVDOKIMOVA, Z.N., tekhnicheskiy redakter.

[Organization of medical services for workers in industrial enterprises; a lecture] Organizatsiia meditsinskogo obsluzhivaniia rabechikh promyshlennykh predpriatii; lektsiia pod obshchei red. M.D.Ashurkova i M.A. Vinogradova. Moskva, Gos.isd-vo meditsinskoi lit-ry, 1955. 40 p. (MLRA 9:5)  
(INDUSTRIAL MEDICINE)

VINOGRADOV, N.A.

[Public health service during the struggle for nation-wide socialist industrialization in 1926-1929] Zdravookhranenie v gody bor'by za sotsialisticheskuiu industrializatsiiu strany, 1926-1929. Moskva, Medgiz, 1955. 43 p. (MLRA 8:4)  
(Public health--History)

ARTEM'YEV, Fedor Andreyevich; KHMELEV, N.S., redaktor; VINOGRADOV, N.A., redaktor; ZHUKOV, G.I., redaktor; YEFIMOV, V.P., redaktor; YEVDOKIMOVA, Z.N., tekhnicheskiiy redaktor.

[Periods of work and rest] Rabochee vremia i vremia otdykha. Moskva, Gos.izd-vo meditsinskoi lit-ry, 1955. 47 p. (Biblioteka vrache-organizatora. Lektsii po organizatsii zdoravookhreneniia dlia vrachei. Zakonodatel'stvo po upravleniiu zdoravookhreneniem i trudu meditsinskikh rabotnikov, lektsiia 3) (MLRA 8:11)  
(Hours of labor)



VINOGRADOV, N.A.; TEREENT'YEV, A.I.

Automatic machine for cutting slots. Mashinostroitel'  
no.9:18-19 S '64.

(MIRA 17:10)

ARTEM'YEV, F.A.; KIPKELEV, N.S., redaktor; VINOGRADOV, N.A., redaktor.  
ZHUKOV, G.I., redaktor; YEFIMOVICHIN, V.P., redaktor; YEVDOKIMOVA,  
Z.N., tekhnicheskii redaktor.

[Wages, guarantees and compensations] Oplata truda, garantii i  
kompensatsii. Moskva, Gos.isd-vo med.lit-ry, 1955. 86 p.  
(Biblioteka vracha-organizatora. Lektsii po organizatsii zdavo-  
okhraneniia dlia vrachei. Zakonodatel'stvo po upravleniiu zdavo-  
okhraneniem i trudy meditsinskikh rabotnikov, lektsiia 4)  
(Wages) (MLRA 8:11)

VINOGRADOV, N.A.

Clinicophysiological approach in organizing the medical health resort regimen in cardiovascular diseases. Vop.kur.fizioter. i lech.fiz.kul't. no.2:21-26 Ap-Je '55. (MLRA 8:8)

1. Iz Nauchno-issledovatel'skogo instituta fizioterapii Ministerstva zdravookhraneniya RSFSR (dir.prof. A.N. Obrosoy)  
(CARDIOVASCULAR SYSTEM--DISEASES, therapy, organiz. of care in health resorts)

MOZGLYAKOVA, V. A.

Methods of inspecting municipal hospitals. N. A. Vinogradov,  
S. A. Podol'nyi, I. B. Rostotskii. Reviewed by ~~V. A. Mozgila-~~  
kova. Sov.zdrav. 14 no.1:59-60 Jan-P 55. (MLRA 8:4)

(VINOGRADOV, N. A.)  
(PODOL'NYI, S. A.)  
(HOSPITALS - INSTECTION)

ASTVATSATUROV, Kernaliy Romanovich, detzent; KHMILEV, N.S., redakter; VINO-  
GRADOV, N.A., redakter; ZHUKOV, G.I., redakter; STUDNITSIN, A.A.,  
redakter; BEL'CHIKOVA, Yu.S., tekhnicheskii redakter.

[Organization for the treatment of venereal diseases in villages]  
Organizatsiia venerologicheskoi pomoshchi na selo. Moskva, Gos.izd-  
vo med.lit-ry, 1956. 32 p. (MLRA 9:5)  
(VENERELOGY)

SMUL'EVICH, . Boleslav Yakovlevich; ASHURKOV, Ye.D., redaktor; VINOGRADOV, N.A., redaktor; MAZUR, M.M., redaktor; SENCHILO, K.K., tekhnicheskiiy redaktor

[The state of health of the population and methods of studying it;  
a lecture] Sostoianie zdorov'ia naseleniia i metody ego izucheniia;  
leksiia. Pod obshchei red. E.D.Ashurkova i N.A.Vinogradova. Moskva,  
Gos. izd-vo med. lit-ry, 1956. 44 p. (MLRA 9:7)  
(HEALTH SURVEYS)

MANANNIKOVA, Nadezhda Vasil'yevna, dotsent; ASHURKOV, Ye. D., redaktor;  
VINOGRADOV, N.A., redaktor; NOGINA, O.P., redaktor; SENCHILO, I.K.,  
tekhnicheskii redaktor

[Protection of mother and child in the U.S.S.R.] Okhrena materinstva  
i detstva v SSSR; lekttsiia. Pod obshchimi red. E.D. Ashurkova i  
N.A. Vinogradova. Moskva, Gos. izd-vo med. lit-ry 1956. 73 p.  
(MATERNAL AND INFANT WELFARE)

VINOGRADOV, N.N.

BAKULEV, A.N., glavnyy redaktor; ANICHKOV, N.N., redaktor; BOLDYREV, T.Ye., redaktor; BRUSILOVSKIY, L.Ya., redaktor; BYKOV, K.M., redaktor; VASILENKO, V.Kh., redaktor; VINOGRADOV, N.A., redaktor; GRASHCHENKOV, N.I., redaktor; DAVYDOVSKIY, I.V., redaktor; ZORODOVSKIY, P.F., redaktor; KAVETSKIY, R.Ye., redaktor; KOCHERGIN, I.G., redaktor; KROTKOV, F.G., redaktor; KUPRIYANOV, P.A., redaktor; LEBEDINSKIY, A.V., redaktor; MALINOVSKIY, M.S., redaktor; MAN'KOVSKIY, B.N., redaktor; NESTEROV, A.I., redaktor; ORNELI, L.A., redaktor; PAVLOVSKIY, Ye.N., redaktor; SEVERIN, S.Ye., redaktor; SKRYABIN, K.I., redaktor; SMIRNOV, Ye.I., redaktor; TIMAKOV, V.D., redaktor; TUR, A.F., redaktor; SHABANOV, A.N., redaktor

[Great Medical Encyclopedia] Bol'shaya meditsinskaya entsiklopediya. Glav.red. A.N.Bakulev. Chleny red.kolleгии N.N.Anichkov i dr. Izd. 2-oe. Moskva, Gos. izd-vo med. lit-ry. Vol. 1. A - Angiofibroma. 1956. 1216 columns. --- [Phonograph record and three-dimensional color spectacles] Grammofonnaia plastinka i ochki-svetofil'try, (MEDICINE--DICTIONARIES)



VINOGRADOV, N.A., professor

Hardening the organism. Zdorov'e 2 no.7:1-2 J1 '56. (MIRA 9:8).  
(PHYSICAL EDUCATION AND TRAINING)

VINOGRADOV, N.A.

Mechanism of the skin reaction in electrophoresis of histamine.  
Vop.kur.fizioter. i lech.fiz.kul't. 21 no.1:44-50 Ja-Mr '56.

(MLRA 9:9)

1. Iz Nauchno-issledovatel'skogo instituta fizioterapii Ministerstva  
zdravookhraneniya RSFSR (dir. - prof. A.N.Obrosov)  
(HISTAMINE) (ELECTROPHORESIS)

VINOGRADOV, N.A.

Physical factors in treating hypertension. Vop.kur.fizioter. i lech.  
fiz.kul't. 21 no.4:20-25 O-D '56. (MLRA 9:12)

1. Iz Nauchno-issledovatel'skogo instituta fizioterapii Ministerstva  
sdravookhraneniya RSFSR (dir. - prof. A.N.Obrosov)  
(HYPERTENSION) (PHYSICAL THERAPY)